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English

Important Information

WARNING :

This is a Class A and Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

WARNING :

1 This lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

2 The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

3 It is strongly advised NOT to freeze the image or to show still image on the PDP for a long duration of time. This might cause the screen to have burn in image. Use "White Pattern" under "Function" Function to fix the burn in problem if it does happen.

4 All the Glass accessories used in this product have been specially enhanced in its hardness and duration. However, when the following situations occur, these glass might break or be damaged,

a. When the glass is hit with hard objects with great forces.
b. Falling or hard contact during transportation and moving.
c. Improper installation of the glass might scratch the surface of the glass.

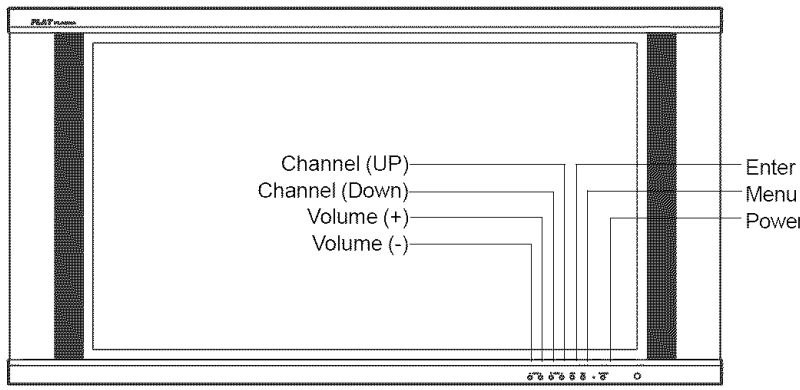
General Information

English

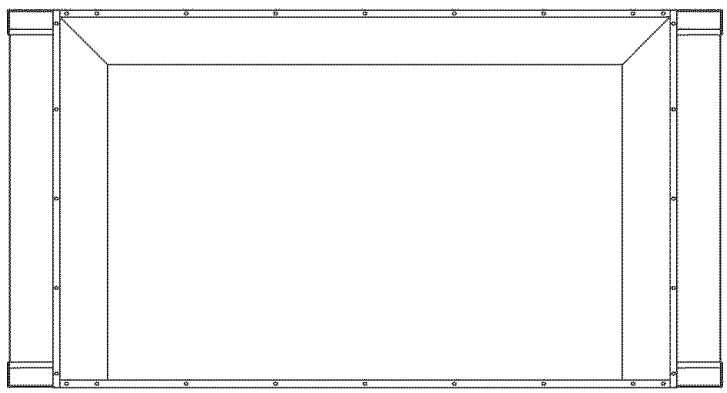
IMPORTANT:

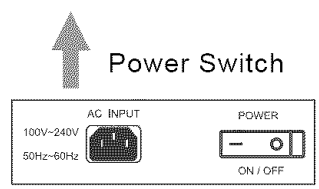
When the set is switched on, do not shift or move the set around. Sometimes it may develop unevenness in color in some parts of the screen. This can be eliminated by switching off the the main power switch (rear side of the set) and wait for 10 minutes before switching on again. If the situation remains, call for service.

FRONT VIEW

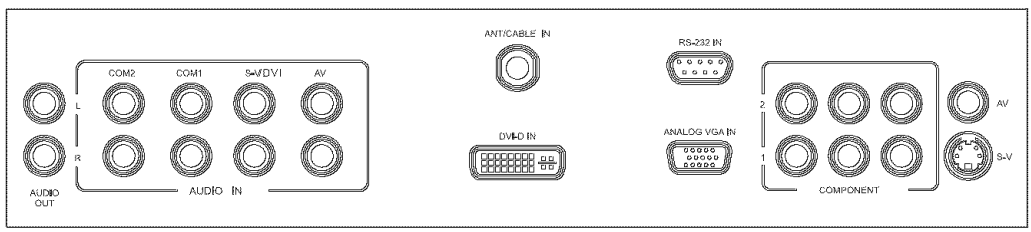


REAR VIEW





Connectors



Safety Precautions

Please read the following directions carefully before using the machine.
Please keep the manual well and retain for future reference.

English

1 Clean the machine with a slightly damp soft cloth. Do not use spray detergent and abrasive solvent. It can damage the machine's screen coating layer.

2 Place the machine on a solid base to avoid dropping or danger.

3 For good ventilation of the machine, please do not place the machine on surfaces such as bed, sofa or rug.

4 Before operating the machine, make sure that the operating voltage of your machine is identical with that of your local power supply. If there is any question, please contact with sales dealer.

5 Use only the accessory power cord designed for this product to prevent shock.

6 Do not put anything under the power cord to avoid tramping.

7 If using the same power source with other equipments, please make sure the total current does not exceed 15A.

8 Never attempt to repair a defection of the machine by yourself. Always consult a skilled machine service personnel.

9 When the following situations occur, please contact the qualified engineer:
A. The power cord or the power socket has damaged.
B. If any liquid or solid object fall into the machine through the ventilation holes.
C. Exposing the machine to rain or excessive moisture.
D. The function does not follow the user manual.
E. The function of machine has clear changes.

10 No further notice will be provided if the specification or design subjects have been changed.

11 Release the battery of remote controller after long-time replacement (over 1 month) and avoid making destruction of remote controller by liquid.

Specification

	Model Name	42-inch Plasma Monitor
	Model Number	PDP4249G
Display Aspect Characteristics	Ratio	16:9
	Native Display Pixels	852(H) x 480(V) Pixel
	Displays Sub-pixels	2556(H) x 480(V) Pixel
	Pixel Pitch	1.08(H) x 1.08 (V) (mm)
	Sub-pixel Pitch	0.36(H) x 1.08 (V) (mm)
	Horizontal Frequency	30kHz to 80kHz
	Vertical Frequency	50Hz to 85Hz
	Resolution Capabilities	VGA, SVGA, XGA, SXGA, UVGA, UXGA, DTV(480i, 480p, 720p, 1080i)
	Supporting system Input	PAL, PAL-M, PAL-N, NTSC, NTSC4.43, SECAM
	Brightness	700cd/m^2 (Module only)
	Contrast Ratio	2000 : 1 (No ambient Light)
	Viewing Angle	Over 160 degrees horizontally and vertically
	Colors	16.77million
General	Weight	48kg
	Dimension	1210 (W) x 640 (H) x 130(D)mm / 1210 (W) x 701 (H) x 210 (D)mm w/Stand
	Power Supply	AC110V-240V
	Frequency	50Hz-60Hz
	Power Consumption	< 280 W
Signal-Input	S-Video Input	Din 4-pin x 1
	Composite Input	BRCA X 1
	Component Input	YPbPr X 3 or YCbCr x 3, RCA-Typ
	DVI Input	DVI
	Analog VGA Input	D-Sub 15-pin X 1
	Audio Input	RCA-pin type(R/L)X4
Signal-Output	Audio Output	RCA-pin (L/R) x 1
	Sound Output	External Speakers Connectable

Specifications are subject to change without notice.

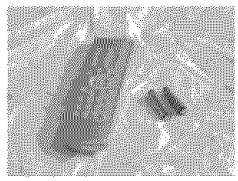
*HDTV READY:
Display Panel that supports up to 720p resolution capability is categorized as Hi-Definition TV (HDTV). Display Panel that supports up to 480p resolution capability is categorized as SDTV. Display Panel that supports under 480p is categorized as DTV. This specific model support up to 1080i resolution capability.

Accessories

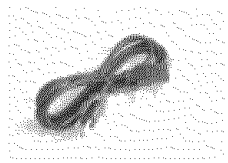
1	REMOTE CONTROLLER
2	AAA Battery x 2 Pcs
3	POWER CORD
4	TABLE STAND
5	S-VIDEO CORD

English

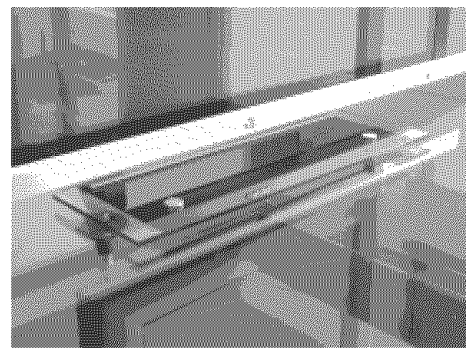
Items 1 & 2



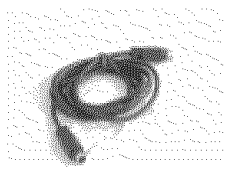
Item 3



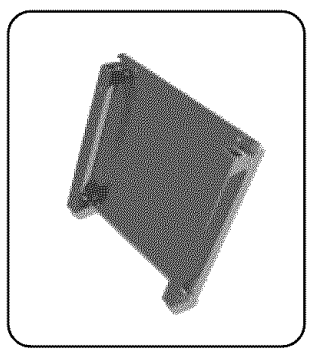
Item 4



Item 5



WallMount Kit(Non-Adjustable): Optional item for purchase.



OSD Functions

Functions

To start the OSD Functions on your screen, please press the "Menu" key now!

On the Remote Controller:

Use the "Up" or "Down" key to select OSD and SUB OSD Functions.
Press the "ENTER" key to access the SUB OSD from the Main OSD.
Use the "Left" or "Right" key to adjust value in each function.

On the Key Pad of the Monitor:

Use the "▲ Select ▼" key to select OSD and SUB OSD Functions.
Press the "ENTER" key to access the SUB OSD from the Main OSD.

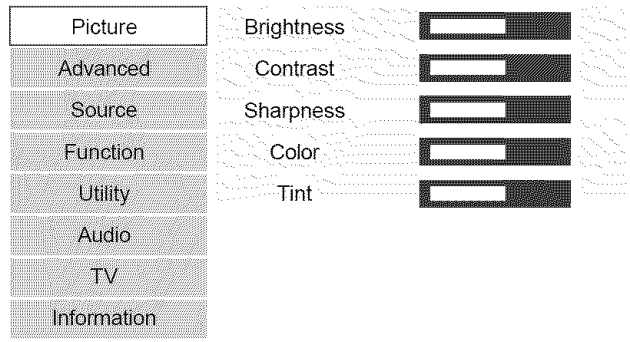
Use "▬ Volume ✚" key to adjust value in each function.

Please Press the "Menu" key again to exit the OSD Menu or to go back to the prevoius page.

Picture

(IN AV, S-Video, Component-YCbCr, & TV MODE):

To access the function of Picture (IN AV, S-Video, Component-YCbCr, & TV MODE), press "Menu" and select "Picture".



Brightness:

1 Under the function of "Picture", please select "Brightness".
2 Use the "Left" or "Right" key to adjust the Brightness.
**Note: The higher the value of Brightness, the brighter the picture will be.
However, inappropriate setting of brightness may cause pictures to have whitish images.

Contrast:

1 Under the function of "Picture", please select "Contrast".
2 Use the "Left" or "Right" key to adjust the Contrast Ratio.
**Note: Contrast ratio may have certain effects on brightness. The higher the value of Contras, the higher Black/White level the pictures will show.

Sharpness:

1 Under the function of "Picture", please select "Sharpness".
2 Use the "Left" or "Right" key to adjust the Sharpness.

OSD Functions

Color:

1 Under the function of "Picture", please select "Color".

2 Use the "Left" or "Right" key to adjust the Color.

**Note: Higher value of Color adjustment enable the picture to have fuller color.

Tint:

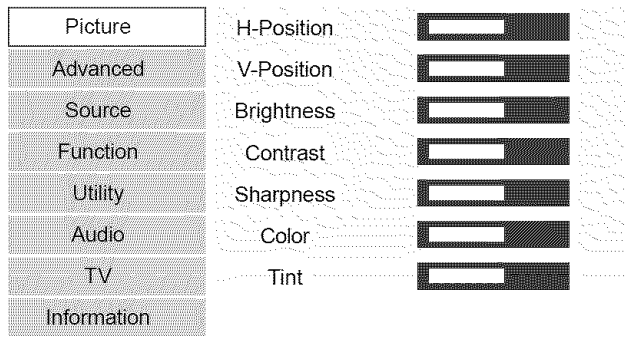
1 Under the function of "Picture", please select "Tint".

2 Use the "Left" or "Right" key to adjust the Tint.

**Note: The higher the value of Tint, the more Greenish/Bluish the image will display. The less the value of Tint, the more Redish the image will display.

Picture (IN Component-YPbPr MODE):

To access the function of Picture (IN Component-YPbPr Mode), press "Menu" and select "Picture".



H-Position:

1 Under the function of "Picture", please select "H-Position".

2 Use the "Left" or "Right" key to adjust the Horizontal Position.

V-Position:

1 Under the function of "Picture", please select "V-Position".

2 Use the "Left" or "Right" key to adjust the Vertical Position.

Brightness:

1 Under the function of "Picture", please select "Brightness".

2 Use the "Left" or "Right" key to adjust the Brightness.

**Note: The higher the value of Brightness, the brighter the picture will be. However, inappropriate setting of brightness may cause pictures to have whitish images.

Contrast:

1 Under the function of "Picture", please select "Contrast".

2 Use the "Left" or "Right" key to adjust the Contrast Ratio.

**Note: Contrast ratio may have certain effects on brightness. The higher the value of Contrast, the higher Black/White level the pictures will show.

Sharpness:

1 Under the function of "Picture", please select "Sharpness".

2 Use the "Left" or "Right" key to adjust the Sharpness.

Color:

1 Under the function of "Picture", please select "Color".

2 Use the "Left" or "Right" key to adjust the Color.

**Note: Higher value of Color adjustment enable the picture to have fuller color.

Tint:

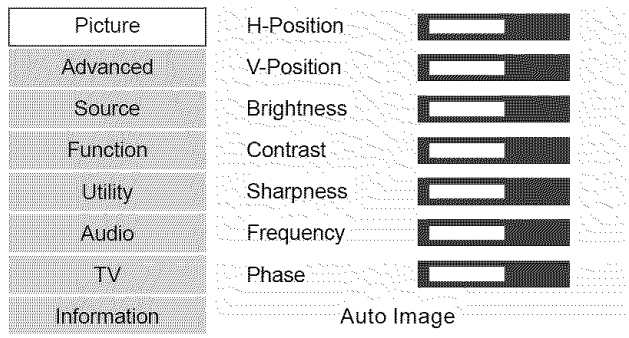
1 Under the function of "Picture", please select "Tint".

2 Use the "Left" or "Right" key to adjust the Tint.

**Note: The higher the value of Tint, the more Greenish/Bluish the image will display. The less the value of Tint, the more Redish the image will display.

Picture (IN Analog RGB MODE):

To access the function of Picture (IN Analog RGB Mode), press "Menu" and select "Picture".



H-Position:

1 Under the function of "Picture", please select "H-Position".

2 Use the "Left" or "Right" key to adjust the Horizontal Position.

V-Position:

1 Under the function of "Picture", please select "V-Position".

2 Use the "Left" or "Right" key to adjust the Vertical Position.

Brightness:

1 Under the function of "Picture", please select "Brightness".

2 Use the "Left" or "Right" key to adjust the Brightness.

**Note: The higher the value of Brightness, the brighter the picture will be. However, inappropriate setting of brightness may cause pictures to have whitish images.

Contrast:

1 Under the function of "Picture", please select "Contrast".

2 Use the "Left" or "Right" key to adjust the Contrast Ratio.

**Note: Contrast ratio may have certain effects on brightness. The higher the value of Contrast, the higher Black/White level the pictures will show.

Sharpness:

1 Under the function of "Picture", please select "Sharpness".

2 Use the "Left" or "Right" key to adjust the Sharpness.

OSD Functions

Frequency:

1 Under the function of "Picture", please select "Frequency".
2 Use the "Left" or "Right" key to adjust the Frequency.
**Note: It is strongly advised to set the Frequency level as it is when coming out of the factory.
Inappropriate setting of Frequency may cause the pictures to have uneven lines or noise.

Phase:

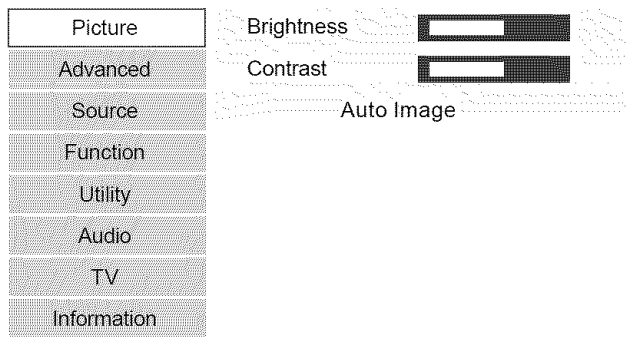
1 Under the function of "Picture", please select "Phase".
2 Use the "Left" or "Right" key to adjust the Phase.
**Note: It is strongly advised to set the Frequency level as it is when coming out of the factory.
Inappropriate setting of Frequency may cause the pictures to have uneven lines or noise.

Auto Image:

1 Under the function of "Picture", please select "Auto Image".
2 When "Auto Image" is selected, "H-Position", "V-Position", "Frequency", and "Phase"

Picture (IN DVI MODE):

To access the function of Picture (IN DVI Mode), press "Menu" and select "Picture".



Brightness:

1 Under the function of "Picture", please select "Brightness".
2 Use the "Left" or "Right" key to adjust the Brightness.
**Note: The higher the value of Brightness, the brighter the picture will be.
However, inappropriate setting of brightness may cause pictures to have whitish images.

Contrast:

1 Under the function of "Picture", please select "Contrast".
2 Use the "Left" or "Right" key to adjust the Contrast Ratio.
**Note: Contrast ratio may have certain effects on brightness. The higher the value of Contrast, the higher Black/White level the pictures will show.

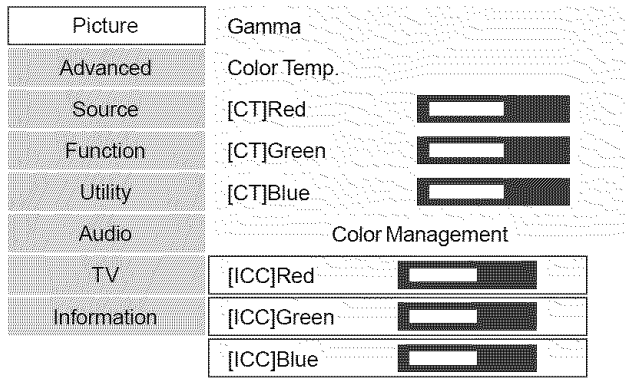
Auto Image:

1 Under the function of "Picture", please select "Auto Image".
2 When "Auto Image" is selected, "Brightness" and "Contrast" automatically tuned to the optimal value.

OSD Functions

Advanced

To access the function of Advanced, press "Menu" and select "Advanced".



Gamma:

1 Under the function of "Advanced", please select "Gamma".

2 Use the "Left" or "Right" key to adjust the Gamma Level.

**Note: Gamma is available in five levels. Please set the level according to your preference. Gamma is set in level one as the factory default setting.

Color Temp. :

1 Under the function of "Advanced", please select "Color Temp".

2 Use the "Left" or "Right" key to adjust the Color Temperature.

**Note: Color Temp. is available in four levels including the user setup. They are Cold Temp, NormalTemp, Warm Temp, and User. When the "User" mode is activated, the following three custom colors, [CT]Red, [CT]Green, and [CT]Blue will appear and can be used to adjust the color.

[CT] Red:

1 Under the function of "Advanced" , please select "[CT] Red".

2 Use the "Left" or "Right" key to adjust the [CT] Red Level.

[CT] Green:

1 Under the function of "Advanced", please select "[CT] Green".

2 Use the "Left" or "Right" key to adjust the [CT] Green level.

[CT] Blue:

1 Under the function of "Advanced", please select "[CT] Blue".

2 Use the "Left" or "Right" key to adjust the [CT] Blue.

Color Management:

Under the function of "Advanced", select "Color Management" to display [ICC] Red, [ICC] Green, and [ICC] Blue.

[ICC] Red: Use the "Left" or "Right" key to adjust the [ICC] Red level.

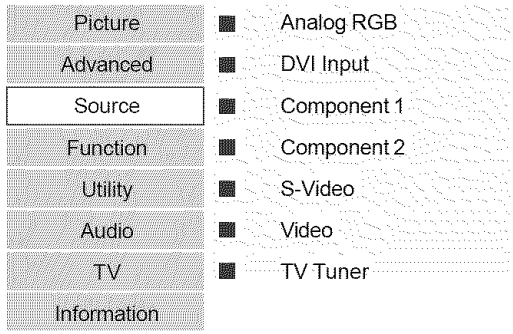
[ICC] Green: Use the "Left" or "Right" key to adjust the [ICC] Green level.

[ICC] Blue: Use the "Left" or "Right" key to adjust the [ICC] Blue level.

OSD Functions

Source

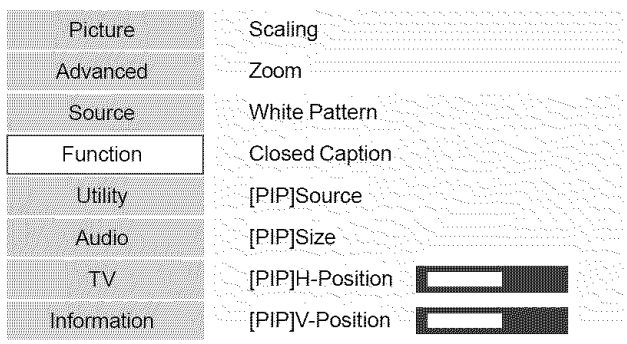
To access the function of Source, press "Menu" and select "Source"



1 Under the function of "Source", use the "Up"or "Down" Key to change Input Source.
**Note: Please make sure that the input source connected on the back of the PDP is the same as selected here in the "Source". For example, if source is connected with component 1 input, please select "Component 1" here in the "Source" Function.

Function

To access the function of Function, press "Menu" and select "Function".



Scaling:

1 Under the function of "Function" , please select "Scaling".
2 Use "Left" or "Right" key to adjust the Scaling.
**Note: There four sizes available in Scaling. Choose Normanl, Pan-Scan, Wide Screen, and 4:3 according to your preference.

Zoom:

1 Under the function of "Function", please select "Zoom".
2 Use the "Left" or "Right" key to adjust the Zoom In/Out Level.
**Note: Zoom in level is available from 100% to 400%.

White Pattern:

1 Under the function of "Function", please select "White Pattern".
2 Use the "Left" or "Right" key to turn On/Off the White Pattern.
**Note: This function is design to fix the burn-in image caused by displaying one still picture for too long. Simply switch the "White Pattern" ON for a few minute.

Closed Caption::

1 Under the function of "Function", please select "Closed Caption".

2 Use the "Left" or "Right" key to change the Closed Caption type. Closed Caption includes the following 8 types, CC1, CC2, CC3, CC4, TEXT 1, TEXT2, TEXT 3, and TEXT 4.

**Note: This function is only available when the Video Input source is from Cable TV or AV.

[PIP] Source:

1 Under the function of "Function", please select "[PIP] Source".

2 Use the "Left" or "Right" key to change the [PIP] Source.

[PIP] Size:

1 Under the function of "Function", please select"[PIP] Size".

2 Use the "Left" or "Right" key to adjust the [PIP] Size.

**Note: PIP Size is available in four sizes and "OFF". When it is set to "OFF", the [PIP]H-Position and the [PIP]V-Position will not appear for adjustment.

[PIP] H-Position:

1 Under the function of "Function", please select "[PIP] H-Position".

2 Usethe "Left" or "Right" key to adjust the [PIP] H-Position.

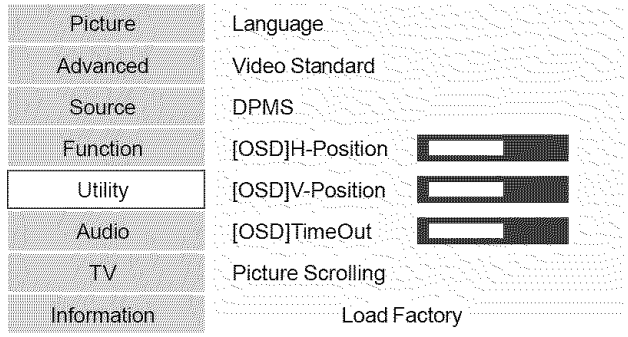
[PIP] V-Position:

1 Under the function of "Function", please select "[PIP] V-Position".

2 Use the "Left" or "Right" key to adjust the [PIP] V-Position.

Utility

To access the function of Utility, press "Menu" and select "Utility".



Language:

1 Under the function of "Utility", please select "Language".

2 Use "Left" and "Right" key to change the Language.

Video Standard:

1 Under the function of "Utility" , please select "Video Standard".

2 Use the "Left" or "Right" key to change the Video Standard.

**Note: It is advised to set the Video Standard in "Auto" so the system will automatically search for the video Standard.

OSD Functions

DPMS:

1 Under the function of "Utility" , please select "DPMS".

2 Use the "Left" or "Right" key to switch the DPMS On/Off.

** Note: This function is designed to save electricity consumption. When it is switched to ON, the system automatically sets to standby mode when receiving no input signal.

[OSD] H-Position:

1 Under the function of "Utility", please select "[OSD] H-Position".

2 Use the "Left" or "Right" key to adjust the [OSD] Horizontal Position.

[OSD] V-Position:

1 Under the function of "Utility" , please select "[OSD] V-Position".

2 Use the "Left" or "Right" key to adjust the [OSD] Vertical Position.

[OSD] TimeOut:

1 Under the function of "Utility" , please select "[OSD] TimeOut".

2 Use the "Left" or "Right" key to adjust the [OSD] TimeOut.

Picture Scrolling:

1 Under the function of "Utility" , please select "Picture Scrolling".

2 Use the "Left" or "Right" key to turn the "Picture Scrolling" ON or OFF.

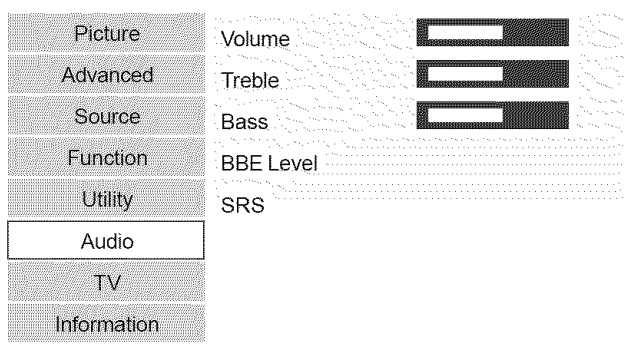
**Note: This function is designed to avoid burn-in image when showing still image for long duration of time. When switched ON, picture on the screen will shift randomly from time to time. p.s. This function only work on set with LG Panel.

Load Factory:

When "Load Factory" is selected, all values of the functions in the "Utility" automatically resume to the Factory default setting.

Audio

To access the function of Audio, press "Menu" and select "Audio".



OSD Functions

Volume:

1 Under the function of "Audio", please select "Volume".
2 Use the "Left" or "Right" key to adjust the Volume.
3 Volume can be adjusted directly from the remote controller using"+" and "-".

Treble:

1 Under the function of "Audio", please select "Treble".
2 Use the "Left" or "Right" key to adjust the Treble Level.

Bass:

1 Under the function of "Audio", please select "Bass".
2 Use the "Left" or "Right" key to adjust the Bass Level.

BBE Level:

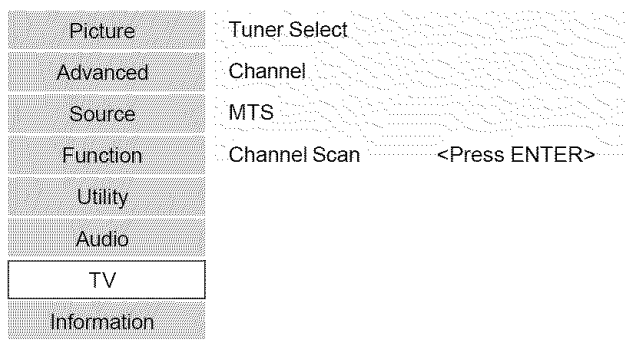
1 Under the function of "Audio", please select "BBE Level".
2 Use the "Left" or "Right" key to change the BBE Level.
**Note: BBE Level is available in 4 types, ByPass, Level 1, Level 2, Level 3, and Level 4.

SRS:

1 Under the function of "Audio", please select "SRS".
2 Use the "Left" or "Right" key to turn the SRS ON or OFF.

TV

To access the function of TV, press "Menu" and select "TV".
Please note that this function is only available when the Video Input Source is from TV Tuner.



Tuner Select:

1 Under the function of "TV", please select "Tuner Select".
2 Use the "Left" or "Right" key to switch the Tuner Select between "Air" or "CATV".

Channel:

1 Under the function of "TV", please select "Channel".
2 Use the "Left" or "Right" key to add channel or to erase channel.

OSD Functions

MTS:

1 Under the function of "TV", please select "MTS".
2 Use "+" and "-" key to switch the MTS between "Stereo", "Mono", or "SAP".

Channel Scan:

1 Under the function of "TV", please select "Channel Scan".
2 Use "ENTER" key to activate "Channel Scan" and the system will search all channels and store them in the memory.

V-CHIP

Please note that the V-Chip function will not be displayed in the OSD Functions. To access the V-Chip function, please press the hot key on the remote controller.

Set Level	TV_Y	ALL, NONE
Press New Password	TV_Y7	ALL, FV, NONE
	TV_G	ALL, NONE, V, S, L, D, VS, VL, VD, SL, SD, LD, VSL, VSD, VLD, SLD, VSLD
	TV_PG	ALL, NONE, V, S, L, D, VS, VL, VD, SL, SD, LD, VSL, VSD, VLD, SLD, VSLD
	TV_14	ALL, NONE, V, S, L, D, VS, VL, VD, SL, SD, LD, VSL, VSD, VLD, SLD, VSLD
	TV_MA	ALL, NONE, V, S, L, VS, VL, SL, VSL
	MPAA	MPAA NR, MPAA G, MPAA PG, MPAA PG-13, MPAA R, MPAA NC-17, MPAA X

Set Level:

1 Please press the function of "V-Chip" on your remote controller.
2 Under the function of "V-Chip", please select "Set Level".
**Note: You will be asked to enter a four digit password upon selecting the "Set Level".
3 After the correct password is entered, "PW Succeed" will appear and now you can access the V-Chip Function.
4 Use "Up" or "Down" key to switch the V-Chip Levels.
5 Use "Left" or "Right" key to choose the mode in each level.

**Several modes are availabe in each level. Please see the above List for reference.
For more detailed information of the above levels, please see the following explanation provided.

6 For more detailed information of MPAA levels, please see the following explanation provided.

OSD Functions

TV Levels Guide

Grade	Explanation
TV-Y	This program is designed to be appropriate for all children.
TV-Y7	This program is designed for children age 7 and above.
TV-G	This program suitable for all ages.
TV-PG	This program may find unsuitable for younger children. Many parents may want to watch it with their younger children.The program contains one or more of the following: moderate violence (V), some sexua situations (S), infrequent coarse language (L), or some suggestive dialogue (D).
TV-14	This program would find unsuitable for children under 14 years of age. Parents are strongly urged to exercise greater care in monitoring this program.This program contains one or more of the following: intense violence (V), intense sexual situations (S), strong coarse language (L), or intensely suggestive dialogue (D).
TV-MA	This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17.This program contains one or more of the following: graphic violence (V), explicit sexual activity (S), or crude indecent language (L).

MPAA Guide

Grade	Explanation
G	General Audience. All ages admitted.
PG	Parental Guidance Suggested.Some material may not be suitable for children
PG-13	Parents Strongly Cautioned.Some material may be inappropriate for children under 13.
R	Restricted-Under 17 requires accompanying parent or adult guardian (age varies in some locations).
NC-17	No One 17 and Under Admitted.
X	It is changed to NC17 now.

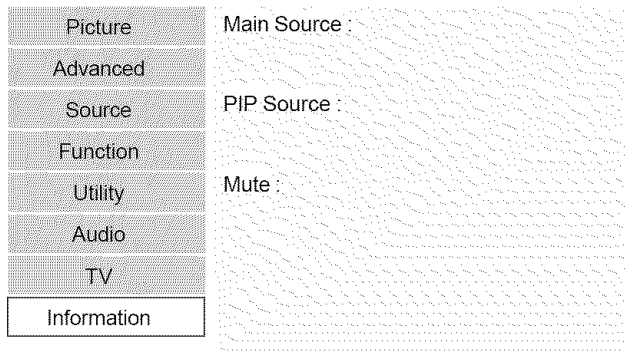
Press New Password:

1 Please press the function of "V-Chip" on your remote controller.
2 Under the function of "V-Chip", please select "Press New Password".
3 Enter a four digit password.
4 Check and re-enter the new password.

OSD Functions

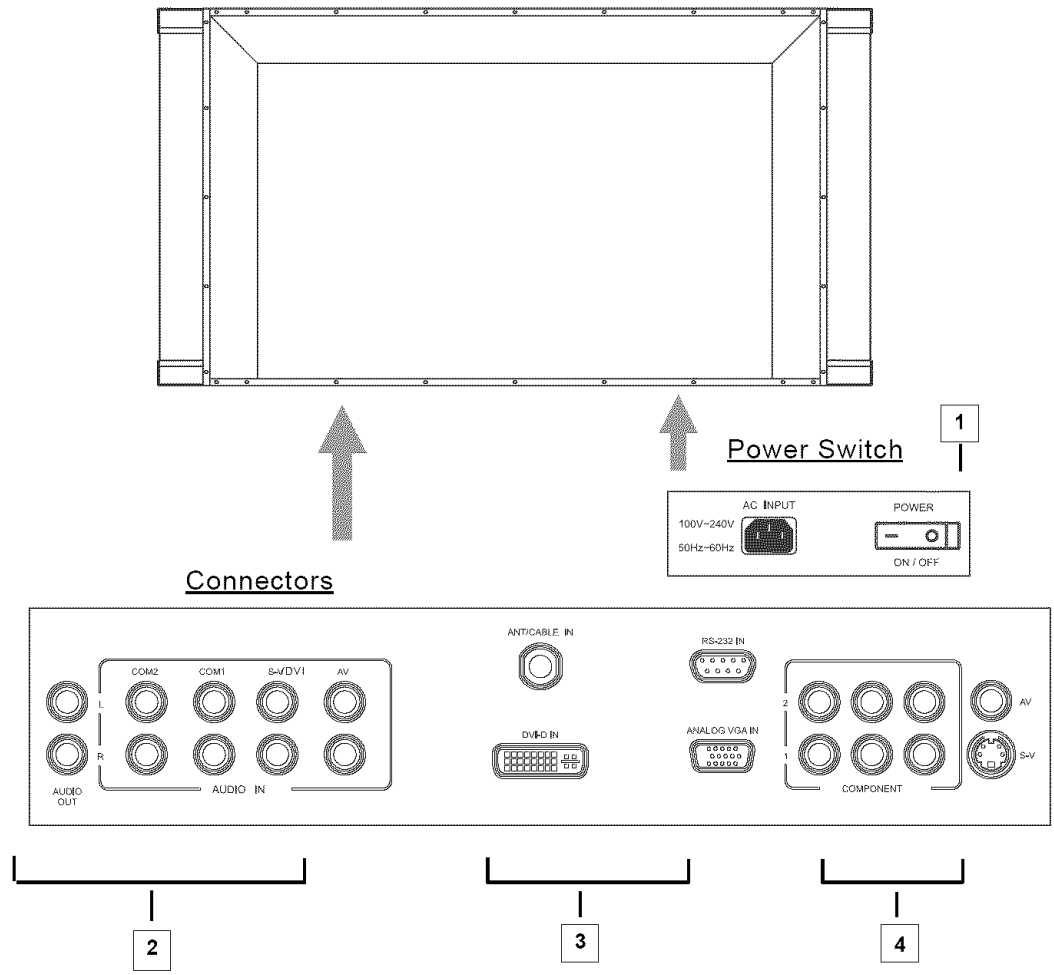
Information

To access the function of Information, press "Menu" and select "Information".



Under the function of "Information", statue of "Main Source", "PIP Source", and "Mute" are displayed for reference.

Peripheral Equipment Connecting



1

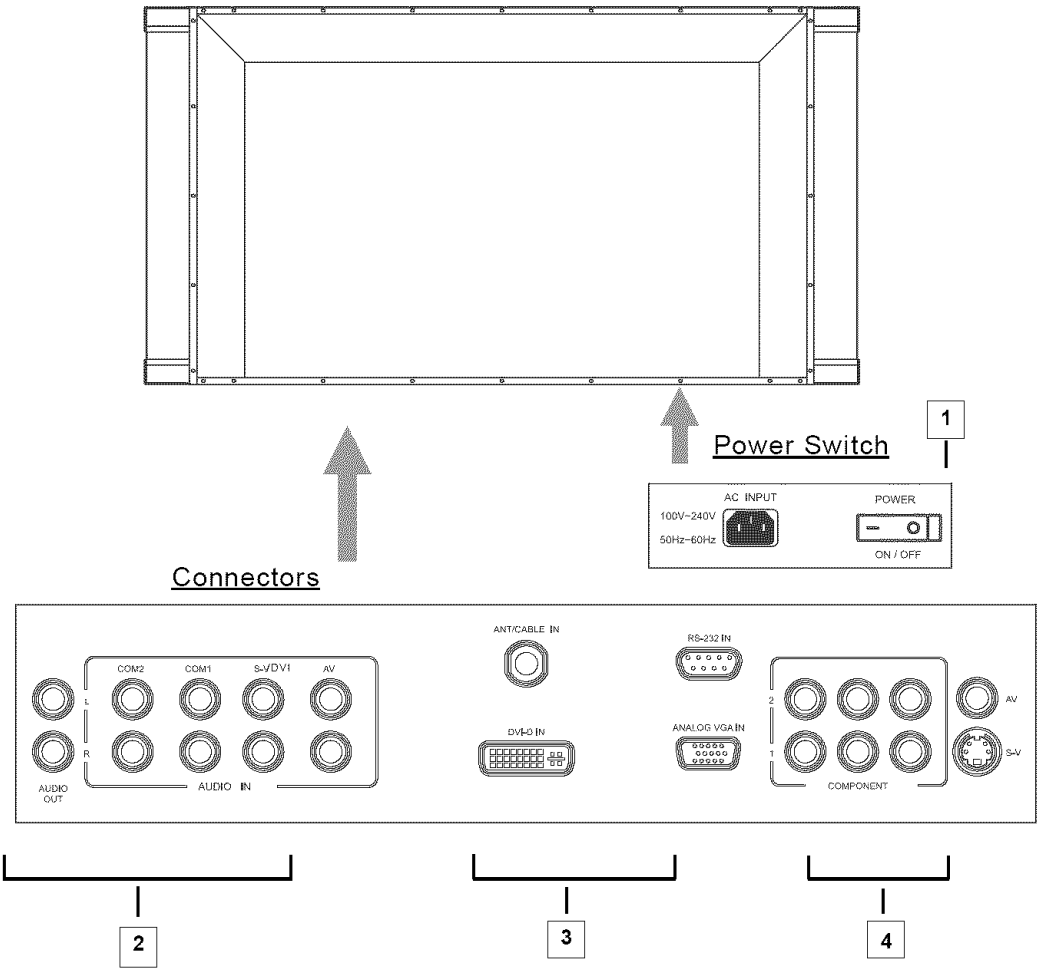
AC IN (AC Power Inpu)		100V-240V
POWER SWITCH		Power ON/OFF

2

AUDIO OUT		Audio Output for Speakers Connection.
AUDIO IN	Com2	Audio Input connection for Component 2 source Audio Output.
	Com1	Audio Input connection for Component 1 source Audio Output.
	S-V/DVI	Audio Input connection for S-Video or DVI source Audio Output.
	AV	Audio Input connection forAV source Audio Output.

English

Peripheral Equipment Connecting



3

ANT/CABLE IN	Video Input connection for Antenna / Cable TV.
DVI-D IN	Digital Signal Input connection for personal compute.
ANALOG VGA INPUT	Analog VGA Signal Input connection for personal compute.
RS-232 IN	RS-232 Cable input connection. It is used to upload or update the software. It is strongly suggested NOT to proceed with any uploading/updating without proper instructions.

4

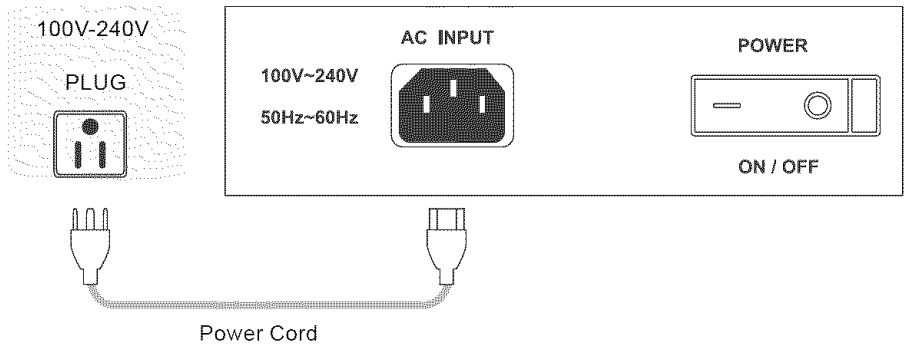
Component 1	Video Input connection for Component 1.
Component 2	Video Input connection for Component 2.
S-V	Video Input connection for S-Video.
AV	Video Input connection for AV.

**Note: When connecting the Video Input from a source, please make sure the Audio Input is coherent as the Video Input. For example, if the Video Input is coming from Component 1, please connect the Audio Input at AUDIO IN's COM 1.

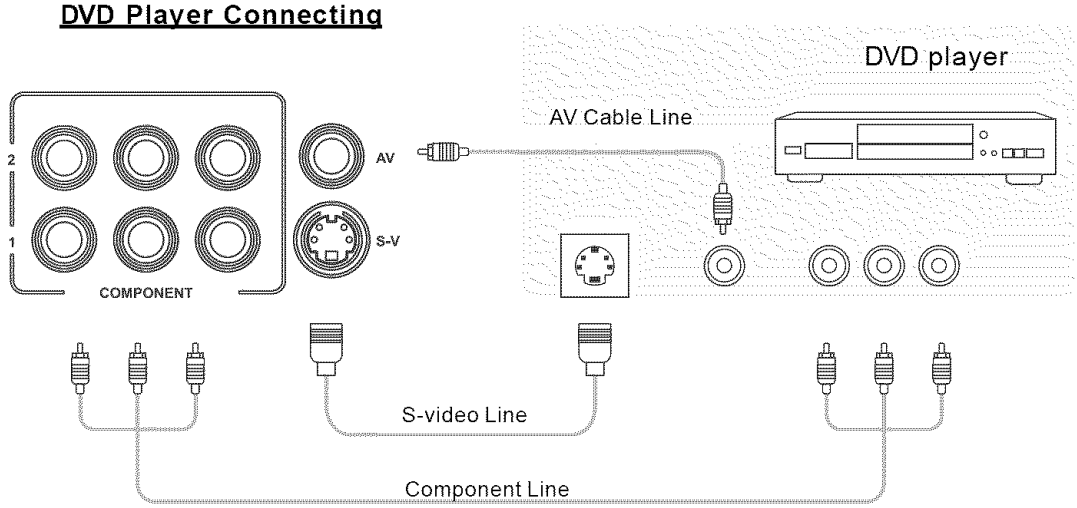
**Note: This model does not support VGA Audio Input when connecting to personal computer. However, DVI Audio Input is availabe and is shared with S-Video Audio Input.

Peripheral Equipment Connecting

AC Power Connecting



DVD Player Connecting



Recommended Connecting Method:

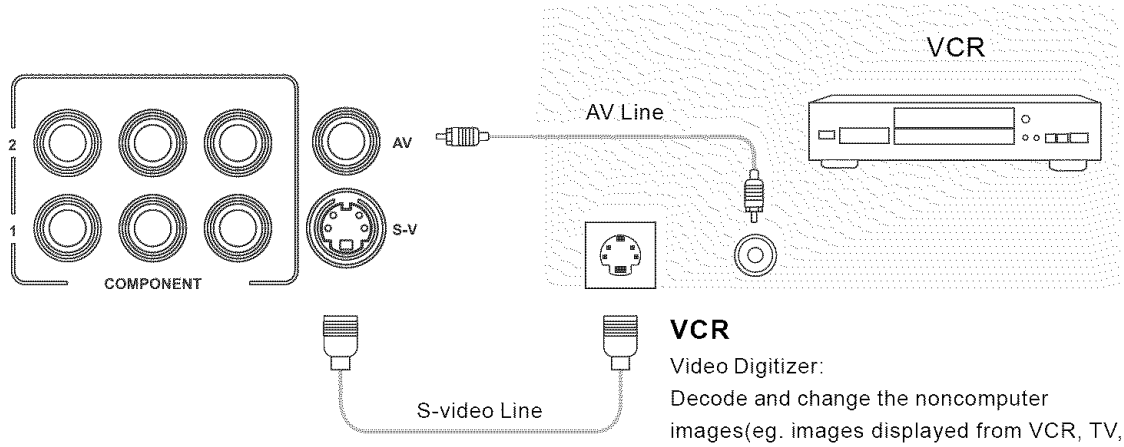
Component Input(YPbPr)--------- For more vivid and higher resolution image connection. This connecting method is recommended when your DVD Player has Progressive Scan function(signal output with 480p). If your DVD Player does not have Progressive Scan function, the signal output will then be 480i and is connected here as Component Input**(YCbCr)**.

S-VIDEO INPUT---------- For more colorful image connection. Resolution and Sharpness performance might not be as good as Component Input(YPbPr) connection.

AV1 (AV Input)---------- For a fair image connection.

Peripheral Equipment Connecting

VCR Connecting(Video Digitizer):



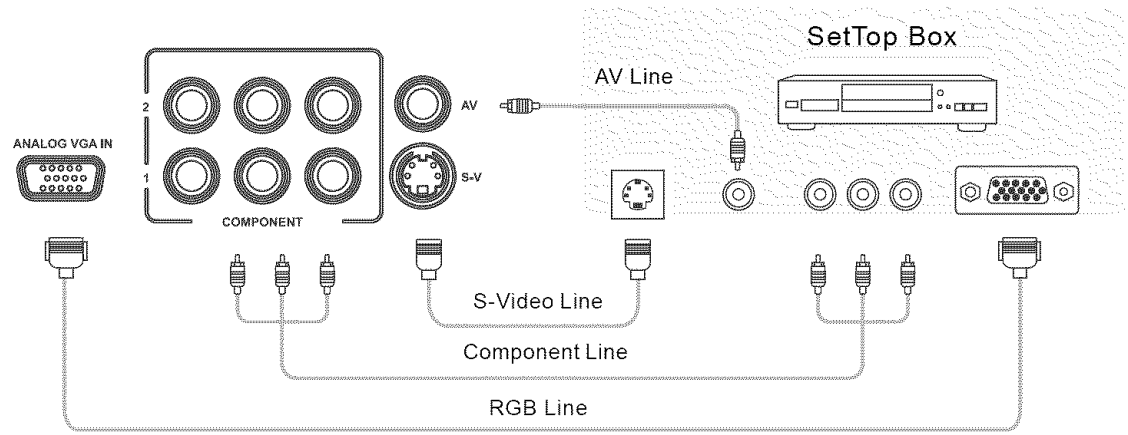
VCR

Video Digitizer:
Decode and change the noncomputer images(eg. images displayed from VCR, TV, or video discs) to images in computer format.

Recommended Connecting Method:

S-VIDEO INPUT---------- For more colorful image connection..
AV1 (AV Input)---------- For a fair image connection.

SetTop Box Connecting(For Satellite/Direct TV):

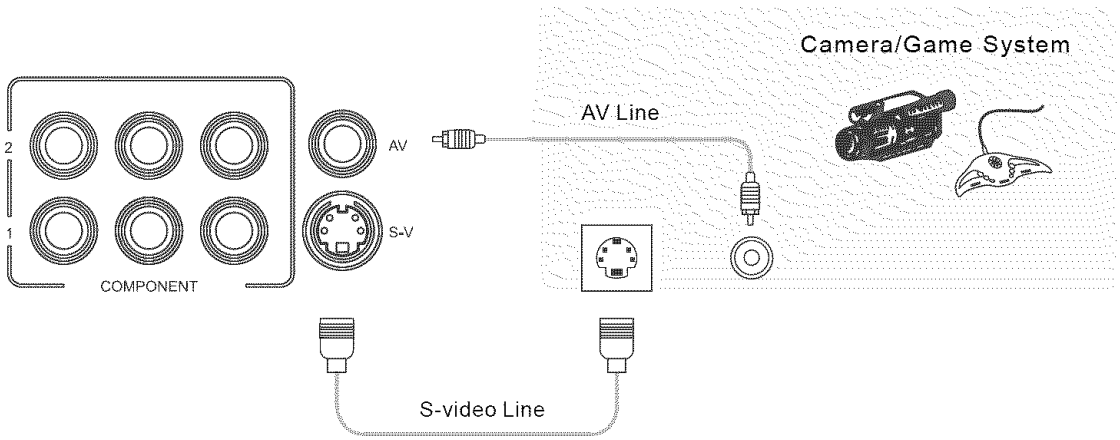


Recommended Connecting Method:

Please note that your Set Top Box might not have all the connectors availabe as the picture provided above. Recommended connecting method in the order of resolution performance is as follows,
RGB Connection > Component Connection > S-Video Connection > AV Connection

Peripheral Equipment Connecting

DigiCamera/V8/Game system Connecting:

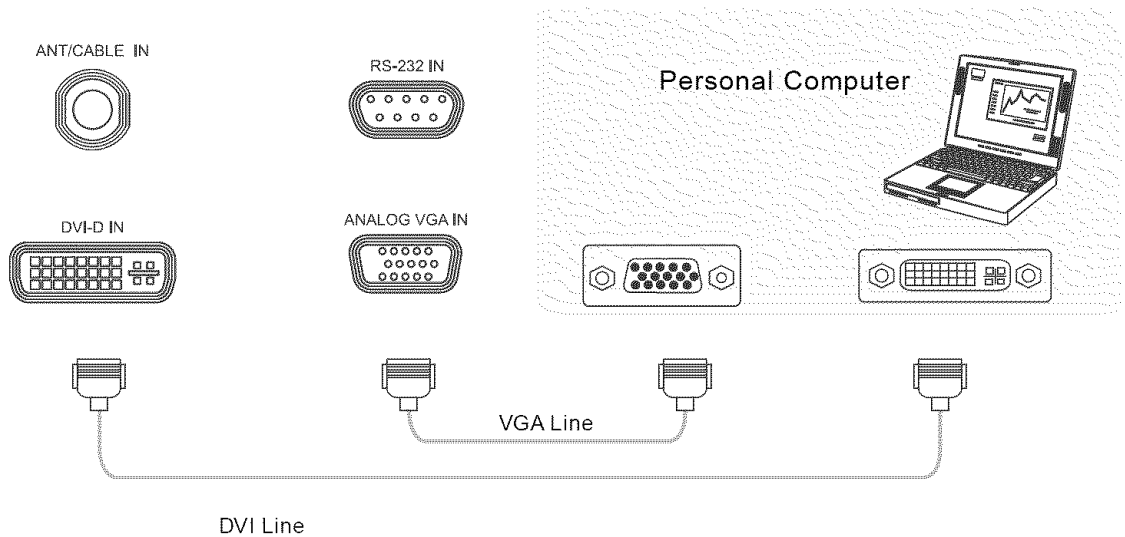


Recommended Connecting Method:

S-VIDEO INPUT---------- For more colorful image connection. Resolution and Sharpness performance might not be as good as Component Input(YPbPr) connection.

AV1 (AV Input)---------- For a fair image connection.

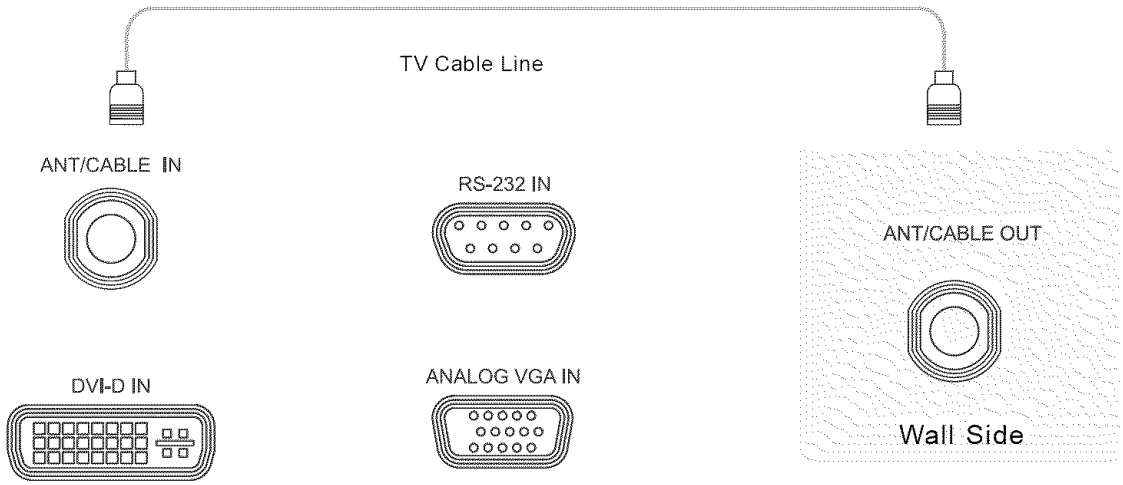
PC Connecting:



Please Note that DVI and VGA inputs can only be used one at a time.

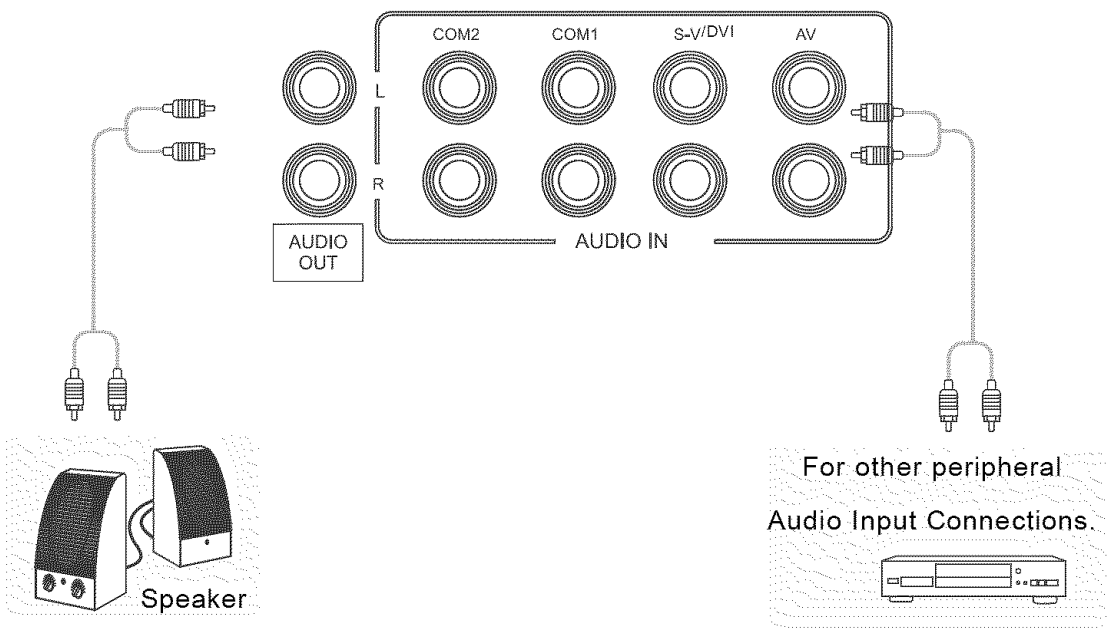
Peripheral Equipment Connecting

ANT/Cable TV Connecting:

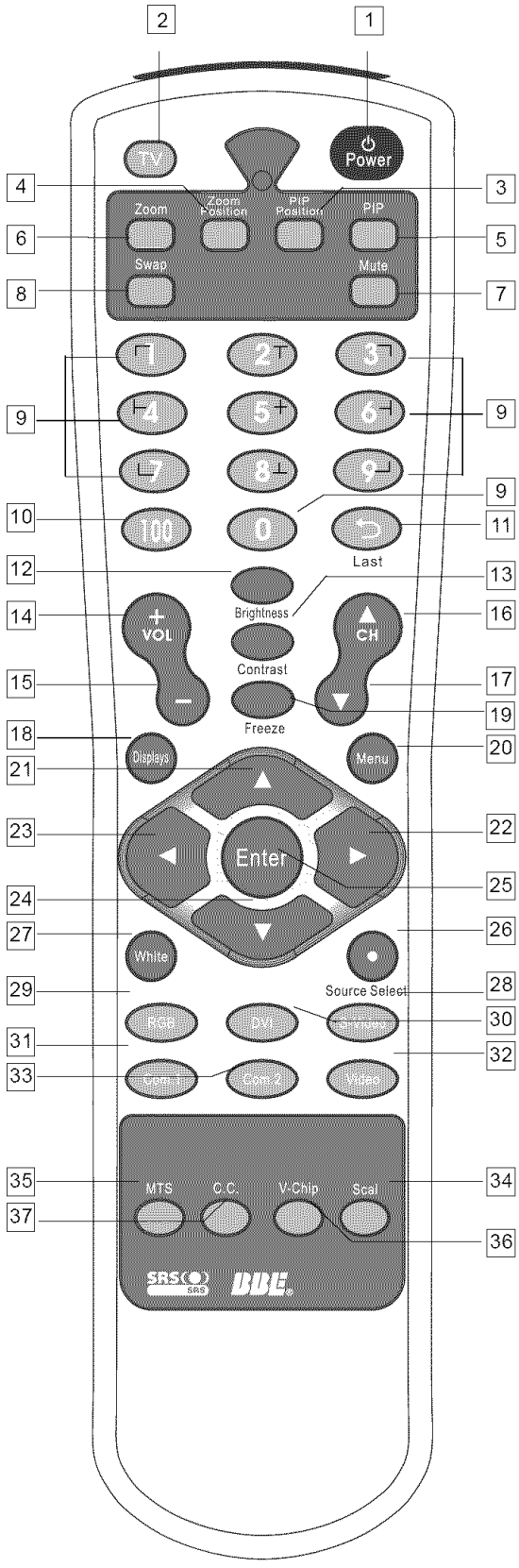


Audio Connecting:

AUDIO OUTPUT---------- For external speakers Audio Input connection.
AUDIO INPUT-COM2---------- For COM2 source Audio Output connection.
-COM1---------- For COM1 source Audio Output connection.
-S-V/DVI----------For S-Video or DVIsource Audio Output connection.
-AV---------- For AV source Audio Output connection.



Remote Controller



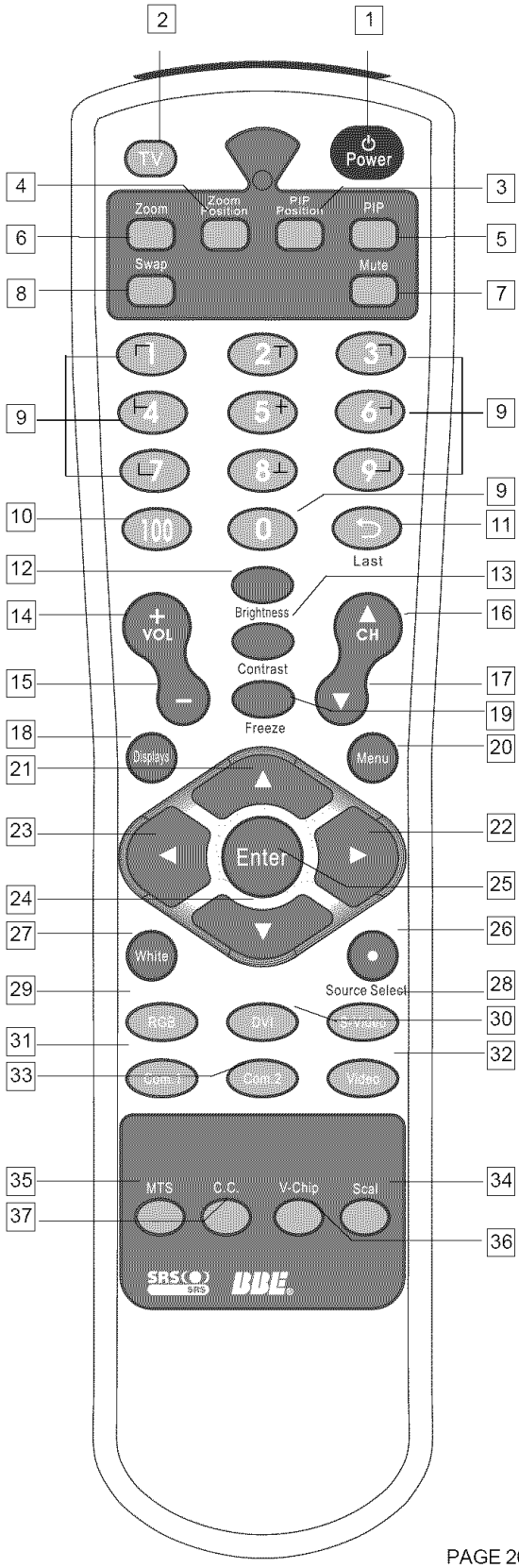
1. Power — Power ON/OFF.
2. TV — TV Signal Input.

3. PIP Position — PIP Position Adjustment.
   **Use numerical keys to change PIP Position.
4. Zoom Position — Zoom Position Adjustment.
   **Use numerical keys to change Zoom Position.
5. PIP — PIP Function Selection.
6. Zoom — Zoom Function Selection.
7. Mute — Audio Off.
8. Swap — Swap Main/PIP sources.

9. (0) — Numerical key - 0.
   (1) — Numerical key -1 or PIP at the top of left hand side.
   (2) — Numerical key-2 or PIP at the top of the middle.
   (3) — Numerical key-3 or PIP at the top of right hand side.
   (4) — Numerical key-4 or PIP at the left hand side.
   (5) — Numerical key-5 or PIP in the middle of center.
   (6) — Numerical key-6 or PIP at the right hand side.
   (7) — Numerical key-7 or PIP at the bottom of left hand side.
   (8) — Numerical key-8 or PIP at the bottom of middle.
   (9) — Numerical key-9 or PIP at the bottom of right hand side.
10. 100 — Select Channel Start from 100 digit.
11. Recall — Retrieve previous selected channel.

12. Brightness — Brightness Adjustment.
13. Contrast — Contrast Ratio Adjustment.
14. Volume + — Increase Volume.
15. Volume - — Decrease Volume.
16. Channel Up — Channel Selection/Up.
17. Channel Down — Channel Selection/Down.
18. Displays — System Info Display.
19. Freeze — Image Freeze.
20. Menu — Enter/Return OSD Menu.

Remote Controller



21.	Up	Select Up.
22.	Right	Select Right.
23.	Left	Select Left.
24.	Down	Select Down.
25.	Enter	Enter selected items.
26.	Source Select	Select Video Input Source.
27.	White	Activate White Pattern.
28.	S-Video	S-Video Video Input Select.
29.	RGB	RGB Video Input Select.
30.	DVI	DVI Video Input Select.
31.	Com.1	Component 1 Video Input Select.
32.	Video	Video(AV) Video Input Select.
33 .	Com.2	Component 2 Video Input Select.
34.	Scal	Picture Scaling Function selection.
35.	MTS	MTS Function Selection.
36.	V-Chip	V-Chip Function Selection.
37.	C.C.	Closed Captioin Selection

Quick Guide for Color Adjustment

Important Information:

Before proceeding to color adjustment, please read the following notes carefully.
This guick guide is for user who has his/her own preference in color adjustment setting.

1. Each and every set of PDP has been carefully tested and tuned to its optimal color displayed level before leaving the factory.

2. The value for these optimal color displayed levels are stored in the set. They can be restored by selecting **"Load Factory"** under the function of "Utility" in the OSD Menu.

3. Picture's displaying color quality will vary under different video signal input. This is due to different resolution capability each video signal input carries.

STEP 1

Brightness / Contrast:

When the picture is too bright or with too much reflections on the objects' surface, it may cause the picture to have whitish and unclear image. When this happens, try adjusting Brightness/Contrast Value. **It is recommended to tune the value of Contrast Ratio a little higher than the Brightness(with value of 10 higher).** For example, if the Brightness is with value of 50, then the contrast Ratio should be with value of 60. This method will make the picture with sharper and more clear image.

STEP 2

Sharpness:

The higher of the sharpenss, the more clear the image will show. Please note that if the video signal input is with lower resolution, tuning the sharpness too high may cause the objects in the picture with uneven edge. **It is recommended to set the Sharpness level in the middle and adjust it according to the resolution capability of the video signal input.**

STEP 3

Color:

For picture with fuller color, please tune the color level higher. The image will become Black and White when the value of Color is too low. **Recommended to set the Color level in the middle and adjust it according to your preference.**

Quick Guide for Color Adjustment

STEP 4

Tint

Tint value has the major effect on picture's color displays. When the value of Tint is too much, the picture will become Greenish. **When the value of Tint is too less, the picture will become Redish and then Purplish. Recommended to se the Tint value as the factory default value.**

STEP 5

Gamma

Gamma is availabe in five levels. Factory default value is in level 1. However, you can change its level according to your preference.

STEP 6

Color Temp.

Cold Temperature, Normal Temperature, and Warm Temperature are availabe to choose. **When it is set to Cold Temp., the picture will be more in Blue/Green color series. When it is set to Warm Temp., the picture will be more in Yellow/Orange color series.** The Color Temp. is set to "User", user can adjust the color of "Red", "Green", and "Blue" as the custom Color Temp. according to his/her preference.

STEP 7

Color Management

The "Red", "Green", and "Blue" color agents can be adjusted seperately under Color Management. Please note that the changes made in each color agents may not have major effects on picture's color displays. They are only for minor change of color displays.

Cleaning And Maintenance Handy Tips

In the event of problmes with the display, check the following explanations before contacting your dealer for servicing.

Problem	Action
Power does not turn ON.	Check whether the power plug is securely inserted into the receptacle.
No pictures are displayed.	Check cables for disconnection. Check whether the power for all input equipment in ON. Check for connection to wrong terminals or for wrong input mode.
Remote control does not function properly.	Check for incorrect battery orientation. Check for dead batteries. Check for distance from the display Check whether you are pointing the remote control transmitter properly at the display receiver. Check for any obstacle between the remote control and display.
The display makes a snapping sound.	This sound is produced when the cabinet expands or contract due to variations in temperature. This sound does not indicated that the display has problem.
The display makes a buzzing sound.	The display has fans to maintain the temperature of internal components at a constant level. This sound is produced by the fan as rotates.
There are spots on the screen.	Check whether your AV equipment is affected by interference from automobiles, trains, high-voltage transmission lines, neon signs or other potential sources of interference.
Degraded color/ tints.	Check Whether all picture adjustment have been properly made.
Improper screen position/size.	Check whether screen position and size have been properly adjusted.
If "out of range" appears; the display is receving a signal whose picture or signal cannot be reproduced by the display.	Input proper signals.Make sure that the vertical frequency of the input signal is 85 Hz or less for SVGA, 75 Hz or less for XVGA/SXGA, 60 Hz or less for UXGA.
The screen turns to black and white.	Input proper signals.Make sure that the vertical frequency of the input signal is 85 Hz or less for SVGA, 75 Hz or less for XVGA/SXGA, 60 Hz or less for UXGA.

FAQs

For quick reference guide of the product, please check the following FAQs.

Questions	Answers
Any quick way to switch the video source?	Yes, the video source can be switched simply by pressing the urce short-cut key on the remote controller.
Can I hook up my game system to this Monitor?	Yes, please connect the game system's video output to the monitor's A/V Input or to the Component Input for better picture quality. Turn on the Monitor and go into the "Source Select" Function. Then, please select the source input used by your game system.
Can I hook up my Stereo System to the Monitor?	Yes, please connect your stereo system's Audio Output to any of the Monitor's Audio Input. Please remember to switch the Video input in according to the Audio Input.
Can I mount PDP4249G on the wall?	Yes, thePDP4249G is also designed to be mounted on the wall. However, you will need to purchase the WallMount Kit from our local dealer.
Can I watch 4:3 screen on PDP4249G?	Yes, please go into the "Video Scaling" function in the OSD to select the 4:3 aspect ratio image. However, it is strongly adviced to set the screen in 16:9 aspect ratio.
Can I hook up any kind of speakers to PDP4249G?	Yes, there is amplifier built-in the PDP4249G. However, amplifier built-in the PDP4249G is only compatible with 10W. For better Audio performance, it is recommanded to have speakerswith built-in amplifier.
Do I need a Tuner if I have Satellite Broadcasting?	No, the Set Top Box provided by the Satellite broadcasting company act as a decoder box.
Does one of the PIP source has to be VGA or DVI?	No, PDP4249G is equipped with Dual Tuner and the PIP function can be from any two video sources.
Does PDP4249G have built-in Tuner or does it need an external Tuner?	PDP4249G does have built-in Dual Tuner I.
Does PDP4249G have closed caption?	Yes, PDP4249G does have Closed Caption.
Does PDP4249G have attachable Speakers?	Yes, it does have attachable speakers. You might need to purchase the speakers from your local dealer.
How can I activate the PIP Function?	Simply press the PIP shortcut key on the remote controller and then use the menu to choose a source you want to view in the PIP windown.
How come my TV guide in my HDTV set is not updated?	The guide information is sent by the broadcast company. Contact the broadcast company to see if it is available.

FAQs

Questions	Answers
How do I connect a set top box to the PDP4249G?	There are five ways to connect, Composite video, S-video, Component,DVI, and VGA. Any of these will work.
How many line of resolution does my set have?	PDP4249G is with 852(H) x 480 (V) resolution.
How many video input does the PDP4249G have?	PDP4249G has six video inputs, AV, S-Video, Componentx2,DVI, and VGA inputs.
How much does the PDP4249G weigh?	PDP4249 weigh 48 KG.
I am connecting my DVD player to the PDP4249G using the component video input. How come I am not getting any audio?	When connecting DVD player using Component input, please look for Component Audio Output for Audio.
I can receive video but with no audio sound on my set. What is wrong?	Please check if the video input is the same as the Audio input. Check if the power of the speakers is on and the cable is connected properly. If still getting no auido sound, contact your local dealer.
Is my PDP4249G support "High Definition" Video Signal?	Yes, this PDP4249G supports up to 1080i signal.
The main OSD Menu will not appear on my screen even when I press the "Menu" key on the remote controller. What is wrong?	Please check if the remote controller's run out of batteries. Try open the menu by using the KeyPad on the front monitor. If the Menu is still not showing, service may be required.
What are the Pb, Pr, and Y connections for?	These are the component video jack; they can provide slightly better picture quality than the other video inputs.
What does CATV mean?	CATV means Cable TV.
What does HRC means?	HRC-Harmonic Related Carrier. This is a certain band of cable that your cable company offers. If your first broadcast channel starts on channel 1, then your cable company offers HRC. If it starts on channel 2, then it is STD, which stands for "Standard Cable".
What does IRC mean?	IRC=Incremental Related Carrier. It is one of several signal formats determined by your cable TV company.
What does NTSC stand for?	NTSC=National Television Systems Committee. This is the name of the television and video standard in the United States. It consists of 525 horizontal lines at a field rate of 60 fields per second. Only 486 of these lines are used for picture. The rest are used for sync and extra information such as VITC and Closed Captioning. This is the color video standard.
What does PAL stand for?	PAL=Phase Alternate Line. It is the television and video standard in use in most of Europe, Hong Kong, and the Middle East. It consists of 625 horizontal lines at a field rate of 50 fields per second. Only 576 of these lines are used for picture. The rest are used for sync or extra information suchas VITC and Closed Captioning.

English

FAQs

Questions	Answers
What does RGB mean?	This is an abbreviation code which stnads for RED, GREEN, and BLUE.This is a technician test screen used at the factory or when being serviced. In the event this appears on your screen, unplug the television for 24 hourrs.
What does STD mean?	STD=Standard Cable TV, most widely used Cable TV Signal.
What is 3:2 pulldown?	This is the technique used to convert 24 frames per second film to 30 frames per second video. Every other film frame is held for 3 video fields resulting in a sequence of 3 fields, 2 fields, 3 fields, 2 fields, and etc.
What is PDP4249G's PoweConsumption?	It is 280W
What is PDP4249Gs Power Supply?	It is AC110V - 240V
What is PDP4249G's Resolution Capabilities?	VGA, SVGA, XGA, SXGA, UXGA, DTV, HDTV(480i, 480p, 1080i, 720p)
What is Plasma?	Plasma is a type of Video Display that employs an enormous array of tiny cells of ionized gas (plasma), which is used to activate each cell's colored phosphor.
What is the best resolutioin I can get on my PDP4249G?	If you use a 1080i signal, you can get 852 (H) x 480(V) lines of Resolution.
What is the best video connection to use on DVD Player?	For DVD Player, Component (Y, Pb, Pr) connection is the best!
What is the best video connection to use on the cable TV?	For Cable TV, S-video connection is the best and the alternate one is Composite Video (AV connection).
What is the difference between Progressive Scan video and Interlace video?	Currently there are two kinds of DVD Players in the market, "Progressive Scan" whichis also known as "480P" and "Interlace Scan" which is also known as "480i". Progressive Scan DVD Player(480P) will only work with TVs that can accept a Progressive signal. is includes all HDTVs and DTVs. However, since all DVD Players that support 480P can also support 480i, you can still use the Progressive Scan DVD Player with any TVs. You just will not be able to take advantage of the 480P quality on a TV that cannot handle 480P signal. So if you have a regular Analog TV, and want to buy a Progressive Scan DVD Player, you will only be able to watch 480i quality pictures.
What is the dimension of PDP4249G?	It's 1210(W) x 640(H) x 130(D)mm and 1210(W) x 701(H) x 210(D) mm w/ Table Stand
What is the lamp life of PDP4249G?	The lamp life is 30,000 hours lit on continuously without shutting down. This is the lab test result. After 30,000 hours, the color will only start fading.If the average TV watching time is 8hrs/day, color will start fading after 10 years.